



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

**D412-761-043**  
**Job Sheet 174971**



**Part No:** D412-761-043

**Job Qty:** 3 ea

**Part Name:** Modified Latch Mechanism, LH



**Part Weight:** 0 lbs

**Status:** Scheduled

**Priority:** Medium

**Job Created:** 3/23/18

**Job Tracking No:**

**Due Date:** 3/30/18

**Created By:** Linda Lacelle

**Type:** Stock

**Description:**

**Note:** DWG REV G SHEETS 10,11,12,13,14 IPP Rev:A 09-01-13 rev.C as per dwg DD verified by:EC IPP REV:B 11.11.29 AS PER DSI9580 DD VERF:EC IPP REV:C 12.07.23 ECN12-568 chg002 DD VERF:EC

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off    |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|-------------|
|       |                    |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |             |
| 90    | Start up Operation | 3 Ea  | 3/30/18    | 3/30/18  | 0.00      | 0.00    | Start Up Stores/Pkg-1 |           | APR 09 2018 |
| 110   | Packaging          | 3 pcs | 3/30/18    | 3/30/18  | 0.00      | 0.00    | Packaging1-5          |           | APR 09 2018 |
| 120   | QC                 | 3 pcs | 3/30/18    | 3/30/18  | 0.00      | 0.00    | QC4                   |           |             |
| 125   | DC                 | 3 pcs | 3/30/18    | 3/30/18  | 0.00      | 0.00    | DC                    |           |             |
| 130   | Packaging          | 3 pcs | 3/30/18    | 3/30/18  | 0.00      | 0.00    | Packaging3-2          |           |             |
| 140   | QC21-FG            | 3 Ea  | 3/30/18    | 3/30/18  | 0.00      | 0.00    | QC21                  |           |             |

Part Op 125 - Photocopy bluefile & type labels per PPP D412-761-043 CHG002  
Descriptions: 130 - Identify and pack for shipping as per PPP D412-761-043 Location:FG020

### Job BOM

| Part / Item   | Component Name | Quantity     | Operation             | Container        |
|---------------|----------------|--------------|-----------------------|------------------|
| D3589-041     | Latch Assembly | 3 Ea (1 ea)  | 90-Start up Operation | 504815x1 5052023 |
| D3589-047     | Fwd Guide      | 3 Ea (1 ea)  | 90-Start up Operation | 504373 5052003x2 |
| D3589-049     | Aft Guide      | 3 Ea (1 ea)  | 90-Start up Operation | 5052003x3        |
| MS16997-24    | Screw          | 6 Ea (2 ea)  | 90-Start up Operation | FM137763.70      |
| MS21042L06    | Nut            | 6 Ea (2 ea)  | 90-Start up Operation | 507552 5079379   |
| NAS1149DN632J | Washer         | 6 pcs (2 ea) | 90-Start up Operation | 507552 5079379   |

### Job Allocations

| Operation             | Component Part | Required | Inventory | Allocated |
|-----------------------|----------------|----------|-----------|-----------|
| 90-Start up Operation | D3589-041      | 3        | 8         | 0         |
|                       | D3589-047      | 3        | 8         | 0         |
|                       | D3589-049      | 3        | 8         | 0         |
|                       | MS16997-24     | 6        | 38        | 0         |
|                       | MS21042L06     | 6        | 413       | 0         |
|                       | NAS1149DN632J  | 6        | 418       | 0         |

2343

### Part Specifications

Specifications could not be found.

QA: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                       |  |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Thermoforming <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/><br/>           Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/><br/>           Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Quality <input type="checkbox"/><br/>           Other <input type="checkbox"/> </div> </div> |                    |                       |  |
| Date :                                                       | Step #:                                                                                                                                                                            | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    | MRB (QSI042) Approval |  |
| Description Work Order Deviation                             |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Disposition        |                       |  |
|                                                              |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                       |  |
|                                                              |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Completed By _____ |                       |  |

  

| Root Cause         |                          |                       |                          | FAULT CATEGORY         |                          |                                   |                          |
|--------------------|--------------------------|-----------------------|--------------------------|------------------------|--------------------------|-----------------------------------|--------------------------|
| Environment        | <input type="checkbox"/> | No Re-verification    | <input type="checkbox"/> | Pressure/Forced        | <input type="checkbox"/> | Temperature/Cure                  | <input type="checkbox"/> |
| Design             | <input type="checkbox"/> | Operator              | <input type="checkbox"/> | Bending                | <input type="checkbox"/> | Set-up                            | <input type="checkbox"/> |
| Doc/Data           | <input type="checkbox"/> | Offset/Setup          | <input type="checkbox"/> | Centre Not Concentric  | <input type="checkbox"/> | BOM/Route                         | <input type="checkbox"/> |
| Equip/Tooling      | <input type="checkbox"/> | Supplier              | <input type="checkbox"/> | Cracks                 | <input type="checkbox"/> | Broken/Damage/Defect              | <input type="checkbox"/> |
| Handling/Pre       | <input type="checkbox"/> | Training              | <input type="checkbox"/> | Crimp/Kink/Ripple/Wave | <input type="checkbox"/> | Inspection Incomplete/Unqualified | <input type="checkbox"/> |
| Material           | <input type="checkbox"/> | Use for Testing       | <input type="checkbox"/> | Cuffs                  | <input type="checkbox"/> | Contamination                     | <input type="checkbox"/> |
| Internal Transport | <input type="checkbox"/> | Poor Information      | <input type="checkbox"/> | Crushing               | <input type="checkbox"/> | Countersink                       | <input type="checkbox"/> |
| Tribal Knowledge   | <input type="checkbox"/> | Rushing               | <input type="checkbox"/> | Heat Treat             | <input type="checkbox"/> | Cut Too Short                     | <input type="checkbox"/> |
| LOA                | <input type="checkbox"/> | Product Improvement   | <input type="checkbox"/> | Wave/Twist in Tube     | <input type="checkbox"/> | Instructions Incomplete/Unclear   | <input type="checkbox"/> |
| Substation         | <input type="checkbox"/> | Process Improvement   | <input type="checkbox"/> | Marks/Chatter          | <input type="checkbox"/> | Drill Holes                       | <input type="checkbox"/> |
| Past Expiry Date   | <input type="checkbox"/> | Manufacturing Process | <input type="checkbox"/> | OTHER : _____          |                          |                                   |                          |
| Misidentified      | <input type="checkbox"/> | Past Due              | <input type="checkbox"/> |                        |                          |                                   |                          |

**Container No: S059358**  
**Part: D412 - 761 - 043**  
**Job No: 174971**  
**Serial No/Batch: S059358**  
 Revision: \_\_\_\_\_  
 Inspector: \_\_\_\_\_

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## Container View (Active) - Master Unit Containers

| Master Unit No | Container No | Part No       | Part Name      | From Container | Current Location      | Quantity |
|----------------|--------------|---------------|----------------|----------------|-----------------------|----------|
| 002343         | S054388      | D3589-041     | Latch Assembly | S048215        | Start Up Stores/Pkg-1 | 1        |
| 002343         | S059356      | D3589-041     | Latch Assembly | s052823        | ST219                 | 2        |
| 002343         | S054392      | D3589-047     | Fwd Guide      | S043735        | Start Up Stores/Pkg-1 | 2        |
| 002343         | S059355      | D3589-049     | Aft Guide      | s052002        | ST041                 | 3        |
| 002343         | Fm137963.90  | MS16997-24    | Screw          |                | ST316                 | 3        |
| 002343         | S059354      | MS21042L06    | Nut            | s019379        | ST303                 | 6        |
| 002343         | S059353      | NAS1149DN632J | Washer         | s024482        | ST265                 | 6        |

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

D3589-047 s052002

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## Container View (Active) - Master Unit Containers

| Master Unit No | Container No | Part No       | Part Name       | From Container | Current Location | Quantity |
|----------------|--------------|---------------|-----------------|----------------|------------------|----------|
| 002049         | S056275      | AN525-10R9    | Screw           | fm133990-17    | ST329            | 10       |
| 002049         | S056274      | AN970-3       | Washer          | s003924        | ST321            | 3        |
| 002049         | FM130645     | CS62-1032-8CR | Click Bond Stud |                | ST559            | 2        |
| 002049         | S056272      | CS62-1032-8CR | Click Bond Stud | fm130651       | ST559            | 6        |
| 002049         | S056267      | D3580-5       | Bracket         | F124314        | ST040            | 3        |
| 002049         | F165792      | D4942-3       | Protector, Fwd  |                | ST540A           | 1        |
| 002049         | F165789      | D4942-7       | Protector, LH   |                | ST540A           | 1        |
| 002049         | F165793      | D4942-9       | Door Protector  |                | ST540A           | 1        |
| 002049         | F117642      | D4967-1       | Bracket         |                | ST129            | 1        |
| 002049         | S056279      | D4967-1       | Bracket         | F125338        | ST129            | 1        |
| 002049         | S056266      | D5119-1       | Placard         | F165043        | ST143            | 1        |
| 002049         | S056265      | D5120-1       | Placard         | F165041        | ST143            | 1        |
| 002049         | S056264      | MS20426AD3-4  | Rivet           | FM134294       | GA007            | 20       |
| 002049         | S056263      | MS21042-3     | Nut             | S027548        | ST304            | 8        |
| 002049         | S056262      | MS21059L3     | Nut Plate       | S025740        | ST301            | 10       |

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

D4942-1 S058978X1

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## Change Record

Part Number D412-761-043  
Description MODIFIED LATCH MECHANISM, LH

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[illegible]

## 6.0 PARTS LIST, FULL VERTICAL REFERENCE DOOR MOD KITS

| QTY<br>-041 | QTY<br>-041A | QTY<br>-043 | QTY<br>-045 | QTY<br>-047 | QTY<br>-049 | QTY<br>-051 | QTY<br>-053 | QTY<br>-141 | PART NUMBER   | DESCRIPTION                           |
|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------------------------------|
|             |              |             |             |             |             |             |             |             | D412-761-011  | FULL VERTICAL REFERENCE DOOR, LH      |
|             |              |             |             |             |             |             |             |             | D412-761-011A | FULL VERTICAL REFERENCE DOOR, LH      |
| X           |              |             |             |             |             |             |             |             | D412-761-041  | FULL VERTICAL REFERENCE DOOR KIT, LH  |
|             | X            |             |             |             |             |             |             |             | D412-761-041A | FULL VERTICAL REFERENCE DOOR KIT, LH  |
|             |              | X           | 1           |             |             |             |             |             | D412-761-043  | MODIFIED LATCH MECHANISM KIT, LH      |
| 1           | 1            |             | X           |             |             |             |             |             | D412-761-045  | LARGE BUBBLE WINDOW KIT, LH           |
| 1           | 1            |             |             | X           |             |             |             |             | D412-761-047  | DOOR MOUNTED INSTRUMENT PANEL KIT, LH |
| 1           |              |             |             |             | X           |             |             |             | D412-761-049  | ARMREST KIT, LH                       |
|             | 1            |             |             |             |             | X           |             |             | D412-761-051  | ARMREST KIT, LH                       |
|             |              |             |             |             |             |             | X           |             | D412-761-053  | DOOR MOUNTED INSTRUMENT PANEL KIT, LH |
|             |              |             |             |             |             |             |             | X           | D412-761-141  | VENT KIT                              |
|             |              | 1           |             |             |             |             |             |             | D3589-041     | LATCH ASSEMBLY                        |
|             |              | 1           |             |             |             |             |             |             | D3589-047     | FORWARD GUIDE                         |
|             |              | 1           |             |             |             |             |             |             | D3589-049     | AFT GUIDE                             |
|             |              | 2           |             |             |             |             |             |             | MS16997-24    | SCREW                                 |
|             |              | 2           |             |             |             |             |             |             | MS21042L06    | NUT                                   |
|             |              | 2           |             |             |             |             |             |             | NAS1149DN632J | WASHER (OR AN960JD6L)                 |
|             |              |             | 1           |             |             |             |             |             | D3676-1       | LARGE BUBBLE WINDOW                   |
|             |              |             | 1           |             |             |             |             |             | D3678-1       | PLACARD                               |
|             |              |             | 1           |             |             |             |             |             | D3678-3       | PLACARD                               |
|             |              |             | 1           |             |             |             |             |             | D3678-5       | PLACARD                               |
|             |              |             | 1           |             |             |             |             |             | D3700-1       | INBOARD WINDOW DOUBLER                |
|             |              |             | 1           |             |             |             |             |             | D3700-3       | OUTBOARD WINDOW DOUBLER               |
|             |              |             | 1           |             |             |             |             |             | D3701-1       | FLOOR DOUBLER                         |
|             |              |             | 1           |             |             |             |             |             | D3702-1       | FORWARD DOUBLER                       |
|             |              |             | 1           |             |             |             |             |             | D3703-1       | AFT DOUBLER                           |
|             |              |             | 1           |             |             |             |             |             | D3703-3       | AFT CORNER DOUBLER                    |
|             |              |             | 1           |             |             |             |             |             | D3703-5       | AFT CAP                               |
|             |              |             | 1           |             |             |             |             |             | D3704-1       | ESCUTCHEON                            |
|             |              |             | 1           |             |             |             |             |             | D3704-3       | ESCUTCHEON                            |
|             |              |             | 1           |             |             |             |             |             | D3708-1       | ANGLE                                 |
|             |              |             | 1           |             |             |             |             |             | D3708-3       | ANGLE                                 |
|             |              |             | 1           |             |             |             |             |             | D3709-1       | ANGLE                                 |
|             |              |             | 1           |             |             |             |             |             | D3709-3       | ANGLE                                 |
|             |              |             | 1           |             |             |             |             |             | D3802-1-135   | SEAL                                  |
|             |              |             | 1           |             |             |             |             |             | DT9458        | CUTTING TEMPLATE                      |
|             |              |             | 26          |             |             |             |             |             | AN3-7A        | BOLT                                  |
|             |              |             | 26          |             |             |             |             |             | MS21042L3     | NUT                                   |
|             |              |             | 1           |             |             |             |             |             | MS24694-C5    | SCREW (OR MS24694-S5)                 |
|             |              |             | 1           |             |             |             |             |             | MS24694-C13   | SCREW (OR MS24694-S13)                |
|             |              |             | 1           |             |             |             |             |             | NAS43DD3-24   | SPACER                                |
|             |              |             | 52          |             |             |             |             |             | NAS1149D0363J | WASHER (OR AN960JD10)                 |

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